KE-1875

Shin-Etsu Silicones of America, Inc.
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Product Description

Shin-Etsu's KE-1875 is a single component, heat cured, thixotropic adhesive that will cure to form a tough, durable elastomer. KE-1875 exhibits excellent, unprimed adhesion to metals, plastics, glass, and ceramics and has a reduced level of low molecular weight siloxanes to reduce off gassing after cure.

Product Features

- Single component
- Heat cured
- Thixotropic fluid
- Reduced low molecular weight siloxanes

Typical Applications

- Form-in-place gasketing
- Sealing electronics

Typical Properties

Type	Adhesive/Sealant
Cure Type	Addition
One/Two Component	One
Cold Storage	Y
Low Molecular Weight Siloxane Stripped?	Y
Color	Black
Density @ 23C (g/cm^3)	1.06
Viscosity (Pa·s)	80.00
Cure Conditions	1hr @ 120C
Shore A Hardness	27
Tensile Strength (MPa)	2.40
% Elongation	390
Shear Strength (MPa)	2.1
Volume Resistivity (TΩ·cm)	1.0
Dielectric Strength (kV/mm)	24
Usable Temperature Range (C)	-40 to +180

Note: Values are not for specification purposes.